AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Original) A transformer comprising:
 - a plurality of metal lines; and
- a magnetic material provided about the plurality of metal lines, the magnetic material including a structure to reduce Eddy currents flowing in the magnetic material.
- 2. (Original) The transformer of claim 1, wherein the structure comprises a plurality of slots provided in the magnetic material.
- 3. (Original) The transformer of claim 2, wherein the slots extend substantially perpendicular to the plurality of metal lines.
- 4. (Original) The transformer of claim 1, wherein the structure comprises a laminated magnetic structure that includes layers of magnetic material and insulation material.
- 5. (Original) The transformer of claim 4, wherein the insulation material comprises one of an oxide and a nitride.

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- 6. (Original) The transformer of claim 4, wherein the insulative material comprises one of a cobalt oxide, a cobalt nitride and a cobalt oxynitride.
- 7. (Original) The transformer of claim 1, wherein the magnetic material is chosen from the group consisting of amorphous CoZrTa, CoFeHfO, CoAlO, FeSiO, CoFeAlO, CoNbTa, CoZr, and other amorphous cobalt alloys.
- 8. (Original) The transformer of claim 1, further comprising insulative material formed between the plurality of metal lines and the magnetic material.
 - 9. (Original) A chip comprising:

a memory device; and

a power distribution unit, the power distribution unit including a plurality of conductive lines and magnetic material provided about the conductive lines, the magnetic material including one of slots and a laminated structure.

- 10. (Original) The chip of claim 9, wherein the one of the slots and the laminated structure reduces Eddy currents flowing in the magnetic material.
- 11. (Original) The chip of claim 9, wherein the magnetic material includes a plurality of slots provided in the magnetic material and that extend substantially perpendicular to plurality of conductive lines.

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12. (Original) The chip of claim 9, wherein the magnetic material comprises a laminated magnetic structure that includes layers of magnetic material and insulation material.

- 13. (Original) The chip of claim 12, wherein the insulation material comprises one of an oxide and a nitride.
- 14. (Original) The chip of claim 12, wherein the insulation material comprises one of a cobalt oxide, a cobalt nitride and a cobalt oxynitride.
- 15. (Original) The chip of claim 9, wherein the magnetic material is chosen from the group consisting of amorphous CoZrTa, CoFeHfO, CoAlO, FeSiO, CoFeAlO, CoNbTa, CoZr, and other amorphous cobalt alloys.
- 16. (Original) The chip of claim 9, further comprising insulative material formed between the conductive lines and the magnetic material.
 - 17. (Original) A computer system comprising:a die having a power converter; and

an off-die cache, the power converter including a plurality of metal lines and magnetic material provided about the metal lines, the magnetic material including one of slots and a laminated structure.

- 18. (Original) The computer system of claim 17, wherein the one of the slots and the laminated structure reduces Eddy currents flowing in the magnetic material.
- 19. (Original) The computer system of claim 17, wherein the magnetic material includes a plurality of slots provided in the magnetic material and that extend substantially perpendicular to plurality of metal lines.
- 20. (Original) The computer system of claim 17, wherein the magnetic material comprises a laminated magnetic structure that includes layers of magnetic material and insulation material.
- 21. (Original) The computer system of claim 17, wherein the magnetic material is chosen from the group consisting of amorphous CoZrTa, CoFeHfO, CoAlO, FeSiO, CoFeAlO, CoNbTa, CoZr, and other amorphous cobalt alloys.
- 22. (Original) The computer system of claim 17, further comprising insulative material formed between the metal lines and the magnetic material.
- 23. (Original) A method of forming a transformer comprising:

 providing a plurality of metal lines; and

 providing magnetic material around the metal lines, the magnetic material including a structure to reduce Eddy currents flowing in the magnetic material.

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- 24. (Original) The method of claim 23, wherein the structure comprises a plurality of slots provided in the magnetic material.
- 25. (Original) The method of claim 24, wherein providing the magnetic material comprises patterning and etching the magnetic material including the slots.
- 26. (Original) The method of claim 24, wherein the structure comprises a laminated magnetic structure including a plurality of metal layers and insulative material.
- 27. (Original) The method of claim 24, further comprising providing insulating material about the metal lines.
- 28. (Original) The method of claim 27, further comprising planarizing the insulating material using chemical mechanical polishing.
- 29. (New) The method of claim 23, wherein providing the plurality of metal lines comprises providing the plurality of metal lines on a die, and providing magnetic material around the metal lines comprises providing the magnetic material on the die around the metal lines.
- 30. (New) The transformer of claim 1, wherein the plurality of metal lines and the magnetic material are provided on a die.